WDAPlus: Patents, Conferences, & Literature

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PN WO2003093267-A

Org. ACTE- Lion Pharm Ltd

Title New substituted 7-aryl-3,9-diazabicycl n n-6- n d rivatives are renin inhibitors - us ful f r the treatment f e.g cardi vascular and renal diseas s and hypert nsi n.

Cmpd. Name None Given

513 Pages

Mechanism Renin-Inhibitor; Plasmepsin-Inhibitor;

Activity Cardiovascular-Gen.; Nephrotropic; Hypotensive; Cardiant;
Vasotropic; Antiarteriosclerotic; CNS-Gen.;
Endocrine-Gen.; Gastrointestinal-Gen.; Relaxant;

Biological

Use: For the treatment of disorders associated with disregulation of renninangiotensin system, cardiovascular and renal diseases, hypertension, congestive heart failure, pulmonary hypertension, cardiac insufficiency, renal insufficiency, renal or myocardial ischemia, atherosclerosis, renal failure, erectile dysfunction, glomerulonephritis, renal colic, glaucoma, diabetic complications, complications after vascular or cardiac surgery, restenosis and organ transplant rejection (claimed).

Dosage: None given.

Advantage: Exhibits excellent bioavailability. Biological Data: No suitable data given.

Substituted 7-aryl-3,9-diazabicyclo(3.3.1)non-6-ene derivatives of formula Chemistry (I) and their enantiomers, diastereomers, salts and racemates are new. X.W = N or CH; V = (CH2)r, A-(CH2)s, CH2-A-(CH2)t, (CH2)s-A, (CH2)2-A-(CH2)u, A-(CH2)v-B-, (CH2)3-A-CH2, A-CH2-CH2-B-CH2 or further defined moieties; A,B = O, S, SO or SO2; U = aryl or heteroaryl;CONR1, (CH2)pOCO, (CH2)pN(R1)CO, (CH2)pN(R1)SO2 or COO; alkylene or lower alkenylene; M = H, cycloalkyl, aryl, heterocyclyl or heteroaryl; L = R3, COR3, COOR3, CONR2R3, SO2R3, SO2NR2R3 or COCH(aryl)2; R1 = H, lower alkyl, lower alkenyl, lower alkynyl, cycloalkyl, aryl or cycloalkyl-lower alkyl; R2 = H, lower alkyl, lower alkenyl, cycloalkyl or cycloalkyl-lower alkyl; R3 = H, optionally substituted alkyl or further defined moieties; m,n = 0-1; p,t = 1-4; r= 3-6; s = 2-5; u = 1-3; v = 2-4; provisos are given. Several compounds are claimed e.g. (la) (example 1).

Inventor Bezencon O; Bur D; Fischli W et al.

WD#WD-2003-017215 Pub. Date 11/13/2003 Language English

Journal

Conf.

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